

IN THE CLAIMS

Please amend the claims as follows. This listing of claims replaces all prior versions and listings of claims in the application:

1 (Original) A method of granting access to a secured service provided by a calling destination, comprising:

receiving a telephone number signal from a calling source, said telephone number signal indicating the calling destination;

identifying a directory number corresponding to said calling source;

determining if said calling source has authorization to the secured service provided by the calling destination; and

retrieving an authentication key when said calling source has authorization to the secured service.

2. (Original) The method of claim 1, further comprising:

providing said authentication key to the calling destination.

3. (Original) A computer-useable medium storing a computer program product for use in a communications network, said computer program product comprising:

computer-readable code for receiving a telephone number signal from a calling source, said telephone number signal indicating a calling destination;

computer-readable code for identifying a directory number corresponding to said calling source;

computer-readable code for determining if said calling source has authorization to a secured service provided by said calling destination; and

computer-readable code for retrieving an authentication key when said calling source has authorization to a secured service provided by said calling destination.

4. (Previously Amended) The compute-useable medium of claim 3, further comprising:

computer-readable code for providing said authentication key to a server in communication with said calling destination.

5. (Original) A method for operating a communication network, comprising:
 - providing a trigger to a switch, said trigger indicating an attempt by a calling source to establish a communication link with a calling destination;
 - operating said switch to provide a query to a service control point in response to said trigger, said query including an authorization to establish said communication link between said calling source and said calling destination;
 - operating said service control point to retrieve an authentication key from a database in response to said query when a directory number corresponding to said calling source is stored within said database.
6. (Original) The method of claim 5, further comprising:
 - operating said service control point to provide said authentication key to a server in communication with said calling destination.
7. (Original) The method of claim 6, further comprising:
 - operating said server to provide said authentication key to said calling destination.
8. (Original) The method of claim 6, further comprising:
 - operating said service control point to remove said authentication key from said server.
9. (Original) A communication network, comprising:
 - a switch operable to receive a trigger indicating an attempt by a calling source to establish a communication link with a calling destination;
 - a service control point; and
 - a database operable to store a set of authorized directory numbers and an authentication key,
 - wherein said switch is further operable to provide a query to said service control point in response to said trigger, said query including an authorization to establish said communication link between said calling source and said calling destination,

said service control point is operable to retrieve said authentication key from said database in response to said query when a directory number corresponding to said calling source is listed within said set of authorized directory numbers as stored within said database.

42. (Cancelled).¹

11. (Cancelled).

12. (Original) A method of operating a communication network, comprising:

operating a calling source to provide a telephone number signal to a communication network, said telephone number signal representative of a calling destination;

operating said communication network to determine if a directory number corresponding to said calling source is listed within a set of authorized directory numbers stored within said communication network; and

operating said communication network to provide an authentication key to a server in communication with said calling destination when said directory number is listed within said set of authorized directory numbers.

44. (Cancelled).

14. (Cancelled).

15. (Cancelled).

16. (Original) A system, comprising:

a calling source;

a calling destination;

a communication network in communication with said calling source and said calling destination; and

a server in communication with said calling destination and said communication network, wherein

¹ The original order of the claims at the time of filing has been preserved even though claims 42, 44, and 45 are numerically out of order.

said calling source is operable to provide a telephone signal to said communication network, said telephone number being representative of said calling destination,

said communication network is operable to determine if a directory number corresponding to said calling source is listed within a set of authorized directory numbers stored within said communication network, and

said communication network is further operable to provide an authentication key to said server when said directory number is listed within said set of authorized directory numbers.

17. (Original) The system of claim 16, wherein

said server is operable to provide said authentication key to said calling destination.

18. (Original) The system of claim 17, wherein

said communication network is further operable to establish a communication link between said calling source and said calling destination in response to said telephone number signal; and

said calling destination is operable to provide said authentication key through said communication link to said calling source.

19. (Original) The system of claim 16, wherein

said communication network is further operable to remove said authentication key from said communication network after providing said authentication key to said server.

45. (Cancelled).

20. (Previously Presented) The communication network of claim 9, wherein said service control point is further operable to provide said authentication key to a server in communication with said calling destination.

21. (Previously Presented) The method of claim 12, further comprising operating said server to provide said authentication key to said calling destination.

22. (Previously Presented) The system of claim 16, wherein said calling source is a client workstation; said calling destination is an Internet server; and said communication network includes an advanced intelligent network.

23. (New) The method of claim 21, further comprising:

operating said communication network to establish a communication link between said calling source and said calling destination; and

operating said calling destination to provide said authentication key to said calling source.

24. (New) The method of claim 21, further comprising:

operating said communication network to remove said authentication key from said communication network after providing said authentication key to said server.

25. (New) The communication network of claim 20, wherein:

said service control point is further operable to remove said authentication key from said server after said server provide said authentication key to said calling destination.